

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:

Kaewell Jr. et al.

**Application No.:** 10/757,222**Filed:** January 14, 2004**For:** SUBSCRIBER TERMINAL  
TEMPERATURE REGULATION**Group:** Not Yet Known**Examiner:** Not Yet Known

Our File: I-1-0064.5US

Date: April 26, 2004

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Further to Applicant's Duty of Disclosure pursuant to 37 C.F.R. §1.56, Applicants wish to bring to the Examiner's attention the material cited on the enclosed PTO-1449 form.

This application is a continuation of U.S. Patent Application No. 09/596,883, filed June 20, 2000, which is a continuation of U.S. Patent Application No. 08/788,411, filed January 27, 1997, which issued on June 5, 2001 as U.S. Patent 6,243,399, which is a continuation-in-part of U.S. Patent Application No. 08/624,703, filed March 26, 1996, which issued on September 9, 1997 as U.S. Patent No. 5,666,355, which is a continuation of U.S. Patent Application No. 08/473,413, filed June 7, 1995, abandoned, which is a divisional of 08/278,471, filed July 21, 1994, abandoned.. Pursuant to 37 C.F.R. §1.98(d) copies of documents cited in the parent application are not enclosed, but

**Applicant:** Kaewell Jr. et al.  
**Application No.:** 10/757,222

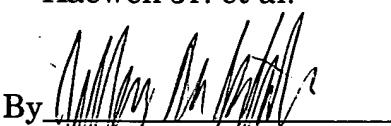
copies will be provided upon request. These documents are identified on the PTO-1449 form by an asterisk (\*).

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the PTO-1449 form indicating his consideration of the cited materials.

Respectfully submitted,

Kaewell Jr. et al.

By

  
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JMG/mak  
Enclosures



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)								ATTY. DOCKET NO. I-1-0064.5US	SERIAL NO. 10/757,222						
								APPLICANT Kaewell Jr. et al.							
								FILING DATE January 14, 2004							

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA*		3	9	7	8	2	9	2	8/76	Hill et al.			
AB*		4	1	3	0	7	3	1	12/78	D.R. Bolgiano et al.			
AC*		4	2	3	9	9	4	1	12/80	Gauthier et al.			
AD*		4	2	7	2	6	5	0	6/81	D.R. Bolgiano et al.			
AE*		4	2	7	3	9	6	4	6/16/81	Szpindel			
AF*		4	3	6	5	1	1	6	12/82	Pira et al.			
AG*		4	4	3	6	9	6	0	3/84	Harmon, Jr.			
AH*		4	4	7	7	6	9	7	10/16/84	Judd et al.			
AI*		4	5	0	9	1	9	9	4/85	M. Ichihara			
AJ*		4	5	7	7	3	1	5	3/86	S. Otsuka			
AK*		4	5	8	4	5	7	6	4/22/86	Forestier et al.			
AL*		4	6	3	1	3	6	1	12/86	Miller			
AM*		4	6	7	5	8	6	3	6/87	E. Paneth et al.			
AN*		4	7	1	3	8	0	9	12/87	Y. Mizota			
AO*		4	7	3	1	8	1	4	3/15/88	Becker et al.			
AP*		4	7	7	7	6	3	3	10/88	T.E. Fletcher et al.			
AQ*		4	7	9	4	6	4	9	12/88	Fujiwara			
AR*		4	8	6	6	7	6	6	12/89	Mitzlaff			
AS*		4	9	2	4	5	1	1	5/90	Burns et al.			
AT*		4	9	6	2	5	2	7	10/9/90	Burns et al.			
AU*		4	9	6	4	1	2	1	10/16/90	Moore			
AV*		5	0	0	8	9	0	0	4/91	D.N. Critchlow et al.			

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)								ATTY. DOCKET NO. I-1-0064.5.US		SERIAL NO. 10/757,222	
								APPLICANT Kaewell Jr. et al.			
								FILING DATE January 14, 2004		GROUP Not Yet Known	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AW*	5	1	5	0	3	6	1	9/92	Wieczorek et al.			
	AX*	5	1	9	3	2	1	1	3/93	H. Nobusawa			
	AY*	5	1	9	3	2	1	2	3/93	J. Son			
	AZ*	5	2	0	3	0	2	0	4/93	H. Sato et al.			
	BA*	5	2	4	1	5	4	2	8/93	Natarajan et al.			
	BB*	5	2	7	8	8	3	1	1/94	Mabay et al.			
	BC*	5	2	8	0	6	4	4	1/94	Vannatta et al.			
	BD*	5	3	7	1	7	3	4	12/94	Fischer			
	BE*	5	3	9	2	2	8	7	2/95	Tiedemann Jr., et al.			
	BF*	5	5	9	4	7	3	7	1/97	Pillekamp			
	BG*	5	6	6	6	3	5	5	9/97	Huah et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
													YES	NO	
	BH*	6	2	7	2	2	3	8	1987	Japan					
	BI*	0	3	5	8	1	6	6	3/14/90	EPO					
	BJ*	4	3	1	5	3	2	0	1992	Japan					
	BK*	4	2	7	8	7	5	7	1992	Japan					
	BL*	5	3	1	6	0	5	9	1993	Japan					
	BM*	6	9	7	9	9	3		1994	Japan					
	BN*	W	O	94	10	8	1	2	5/11/94	PCT					
	BO*	7	2	0	2	7	8	9	1995	Japan					
	BP*	8	1	9	0	4	1		1996	Japan					

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE								APPLICANT Kaewell Jr. et al.			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT								FILING DATE January 14, 2004		GROUP Not Yet Known	
(Use several sheets if necessary)											

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BQ*	3	9	1	6	1	1	0	10/1975	Lee et al.			
	BR*	4	3	1	7	9	6	3	3/1982	Chea Jr.			
	BS*	4	8	7	0	6	9	8	9/1989	Katsuyama et al.			
	BT*	4	4	3	6	9	6	0	3/1984	Harmon Jr.			
	BU*	4	4	7	7	6	9	7	10/1984	Judd et al.			
	BV*	4	7	3	1	8	1	4	3/1988	Becker et al.			
	BW*	5	2	8	7	5	5	5	2/1994	Wilson et al.			
	BX*	5	5	9	4	7	3	7	1/1997	Pillekamp			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
	BY*	58	08	7	9	2	3	A	5/1983	Japan				
	BZ*	02	28	0	6	3	6	A	11/1990	Japan				
	CA*	0	4	5	2	8	7	7	10/91	Europe				
	CB*	0	4	9	4	4	5	9	7/92	Europe				
	CC*	9	3	0	6	6	8	2	4/93	PCT				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	CD*												
	CE*	Multiple-Line-Subscriber Quad-Line-Module (QLM) Schematic, Nexus Applied Research, Inc., 11/5/93											
	CF*	D.M. Beaupre, "Five Years of IDMA Subscriber Radio", pp. 375-379, IEE International Conference on Communications ICC '83, June 19-22, 1983, Boston, MA											
	CG*	D.M. Beaupre et al., "A New Point to Multipoint Microwave Radio System", pp. 47-51, 6th International Symposium on Subscriber Loops and Services (ISSLS 84), Nice, 1-5 Oct. 1984											

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(Use several sheets if necessary)										

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EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	CH*	4	4	7	7	6	9	7	10/1984	Judd et al.			
	CI*	4	5	8	4	5	7	6	4/1986	Forestier et al.			
	CJ*	4	8	4	1	5	6	5	6/1989	Siligoni et al.			
	CK*	4	9	4	2	6	0	0	07/1990	Kaisha			
	CL*	5	0	0	1	7	4	8	3/1991	Burns et al.			
	CM*	5	1	4	0	6	9	8	8/1992	Toko			
	CN*	5	3	0	3	4	2	0	4/1994	Jang			
	CO*	5	3	2	3	4	5	6	6/1994	Oprea			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
	CP*	0	3	5	8	1	6	6	3/1990	EP				
	CQ*	9	4	1	0	8	1	2	05/1994	PCT				
	CR*	9	4	1	0	8	1	2	5/1994	WO				
	CS*	7	3	2	1	6	9	4	1995	Japan				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CT*	Richard E. Pavelka, "Ringing, Tone and Cadence Requirements for Nonswitched Loads in Digital Central Offices", Intelec '88, Tenth International Telecommunications Energy, 30 October 1988 (1988-10-30), pages 326-333
CU*	Datasheet of the AMD AM79535 Subscriber Line Interface, issued by AMD July 1998 XP002200906

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PTO/SB/21 (02-04)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

**TRANSMITTAL  
FORM**

*(to be used for all correspondence after initial filing)*

<b>TRANSMITTAL FORM</b>  <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/757,222
	Filing Date	January 14, 2004
	First Named Inventor	Kaewell Jr. et al.
	Art Unit	Not Yet Known
	Examiner Name	Not Yet Known
Total Number of Pages in This Submission	1	
	Attorney Docket Number	I-1-0064.5US

<b>ENCLOSURES (Check all that apply)</b>		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <div style="border: 1px solid black; padding: 2px; display: inline-block;">Remarks</div>	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <b>Form PTO-1449 (4 pgs.)</b>

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Jeffrey M. Glabicki Volpe and Koenig, P.C.	Reg. No. 42,584
Signature		
Date	1/26/04	

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Jeffrey M. Glabicki
Signature	
	Date 4/26/04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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